Application No.: 10/810,706 Docket No.: KPC-0309

AMENDMENTS TO THE SPECIFICATION

Please amend the specification by rewriting the following paragraphs, as set forth below in marked-up form.

Please amend the paragraph beginning on page 13, line 10 as follows:

--Among the epoxy resins available by the reaction between a polyphenol compound and epichlorohydrin, those derived from bisphenol A and represented by the following formula:

$$H_{2}C \xrightarrow{O} HC - H_{2}C - O \xrightarrow{C} G \xrightarrow{C} G \xrightarrow{C} G + G = CH_{2} - CH - CH_{2} - O \xrightarrow{C} G \xrightarrow{C} G \xrightarrow{C} G = CH_{2} - CH_{2}$$

wherein n stands for 0 to 8 are preferred.--

Please amend the paragraph beginning on page 56, line 19 as follows:

--The disclosure of Japanese Patent Application No. 2002-344540 filed November 27, 2002 including specification, drawings and claims is incorporated herein by reference in its entirety.--

Please amend Table 1, Table 2, and Table 3 as follows (as shown below on pages 3-7 of this amendment)

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Table 1: Emulsion Composition

												ĺ
		Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	Prep.	ď
		Ex. 11	Ex. 12	Ex. 13	Ex. 14	Ex. 15	Ex. 16	Ex. 17	Ex. 18	Ex. 19	Ex. 20	20
	Emulsion	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No.	10
Composi	Base resin No. 1											
-tion	(solid content: 80% by	+					+ + 0	÷				···
	wt.)	87.5°					1. (c.)	8 / . D* _				
(Ep =	Xylene formaldehyde	± (0/.)					+ (0/.)	‡ (0/.)				
Ероху	resin											
Resin)	Base resin No. 2											
	(solid content: 80% by		1									
	wt.)		87.5"									
	Xylene formaldehyde		± (n/)									
	resin											
	Base resin No. 3											
	(solid content: 80% by			87.5**								
	wt.)			‡ (0L)								
	Polyol-modified Ep											
	Base resin No. 4											
	(solid content: 80% by				÷							
	wt.)	-			+ (02)							
	Nonylphenol-added				6				·			
	polyol modified Ep											Ĭ
	Base resin No. 5							-				
	(solid content: 80% by					* *						
	wt.)					1 (01)						
	Benzoic-acid-added					+ (0/)	-					
	polyol-modified Ep											

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	Base resin No. 6										
	(solid content: 80% by								87.5**	87.5**	87.5**
	wt.)								(10)	(10)	(10)
	Amine-added Ep										
	Curing agent No. 1										
	(solid content: 90% by	33.3**	33.3**	33.3**	33.3**	33.3**			33.3**		,
	wt.)	(30) ‡	(30) #	(30) #	(30) ‡	(30) #			(30) #		
	(Crude MDI $-(1)$)										
	Curing Agent No. 2		·								
	(solid content: 90% by					·					
	wt.)						33.3**		•	33.3**	
	(Crude MDI and						(30) ‡			(30) #	
	propylene glycol) MDI-										
	PG bleck (2))										
	Curing agent No. 3										
	(solid content: 90% by										
	wt.)							***			22 244
	(<u>Isophorone</u>							- (00)			130.5
	diisocyanate and							- (2)			5
	methyl ethyl										
	ketoxamimeIPDI $-0x-(3)$)										
	10% by wt. acetic acid	13**	13**	13**	13**	13**	13**	13**	13**	13**	13**
	Deionized water	160.2**	160.2**	160.2**	160.2**	160.2**	160.2**	160.2**	160.2** 160.2**	160.2**	160.2**
		Z94**	×****	294**	294**	294**	294**	294**	294**	294**	294**
ň	34% by wc. Emuision	(100) #	(100) # (100) #	(100)	(100) # (100) #	(100) #	(100) # (100) # (100) #	(100) #	(100) #	(100) #	(100) #

^{** =} parts by weight # = parts by weight in terms of resin-solid content # = parts by weight in terms of resin-solid content # = parts by weight in terms of resin-solid content # = parts by weight in terms of resin - solid content # = parts blacked content in terms of resingular content blocked by an oxime compound

Table 2: Composition of Pigment Dispersed Paste

	Preparation	Preparation
	Example 21	Example 22
Pigment dispersed paste	No. 1	No. 2
Epoxy quaternary ammonium type	5.83**	5.83**
dispersing resin	(3.5) #	(3.5) #
Titanium oxide	14.5**	14.5**
Purified clay	7**	**L
Bismuth hydroxide	** T	3**
Dioctyltin oxide	1**	**T
Carbon black	0.4**	**Đ.O
Deionized water	20.1**	×*8.12
1	48.8**	23.5**
SOLIU COLLELL: 33% DY WL.	(27.4) #	(29.4) ‡

	Comp. Ex. 3	NO. 10										297**		53.5**	296**	647**
Results	Comp. Ex. 2	No. 9				·	-				297**		49.8**		296**	647**
- 1	Comp. Ex. 1	No. 8								297**				53.5**	290**	637**
Film.Test	Ex. 7	No. 7							297**				49.8**		290**	637**
Coating 1	Ex. 6	No. 6		:				297**					49.8**		290**	637**
s of Cc	Ex. 5	NO. 5					297**						49.8**		290**	637**
Coatings.Properties of	Ex. 4	NO. 4	:			297**							49.8**		290**	637**
ngs.Pro	Ex. 3	No. 3			297**								49.8**		290**	637**
c Coati	Ex. 2	No. 2		297**									49.8**		290**	637**
Cationic	Ex. 1	No. 1	297**										49.8**		290**	637**
Table 3-1: Compositions of C		Cationic coating	Emulsion No. 1 (Base resin No. 1, Curing agent No. 1)	Emulsion No. 2 (Base resin No. 2, Curing agent No. 1)	Emulsion No. 3 (Base resin No. 3, Curing agent No. 2)	Emulsion No. 4 (Base resin No. 4, Curing agent No. 1)	Emulsion No. 5 (Base resin No. 5, Curing agent No. 1)	Emulsion No. 6 (Base resin No. 1, Curing agent No. 2)	Composi- tion Emulsion No. 7 (Base resin No. 1, Curing agent No. 3)	Emulsion No. 8 (Base resin No. 6 Curing agent No. 1)	Emulsion No. 9 (Base resin No. 6, Curing agent No. 2)	Emulsion No. 10 (Base resin No. 6, Curing agent No. 3)		Pigment-dispersed paste No. 2	Deionized water	20% Cationic coating
									Comp							

** = parts by weight

Te	Table 3-2: Compositions of	Cation	ic Coa	of Cationic Coatings.Properties of Coating Film.Test Results	roperti	es of	Coating	Film	Test F	Results	
Properties of coating	Properties Glass transition point (°C) of coating *2	**08	82**	78**	**	85** _	72**	65**	55**	**95	48* -
film	Oxygen permeability *3 (x10 ⁻ 1 ²) cc.cm/cm ² ·sec.cmHg	4.1**	- **9°5	6.2**	5.8**	5.3**_	8.1**	11,5*	56.2* 	58.5*	60.3*
	Adhesion (kg/cm²) *4	5.1**_	2.0**	4.8**	4.8**	4.7**	3.5**	3.1**	2.7**	2.8**	2.3**
	Corrosion resistance *5	А	A	A	A	Ą	В	В	В	В	υ
	Resistance against hot salt-water immersion *6	А	А	A	A	A	A	Ą	В	В	U
Test results 	Exposure corrosion resistance *7	А	А	А	А	А	A	Ą	æ	Æ	æ
	Finish property (horizontal surface) *8	А	A	A	A	А	A	А	В	A	В

* = parts by weight